

The Launch of Studies in Philosophy of Science and Education (SiPoSE)

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ABSTRACT

This small piece of the paper introduces the Studies in Philosophy of Science and Education (SiPoSE). As an international peer-reviewed journal, SiPoSE aware of the quality of the content. The rational, the purpose, and the scope are illustrated as the opening speech of the journal. Since the number of philosophy journals is still lacking in accommodating the ideas of philosophers in the world especially in the domain of science education and education in general, therefore, the existence of SiPoSE will fill the void of scientific discussion, especially in terms of Nature of Science (NOS), History of Science (HOS), Philosophy of Science (POS), and Philosophy of Education (POE).

RATIONAL

Having experiences in the teaching of the course of philosophy of science (POS), we found many ideas and values raised from students when interacting with them either in the class or thesis guidance.

As faculty members as well as researchers, we plan, teach, and evaluate students' understanding of POS. Additionally, as a member of the research group of philosophy and physics education, we feel it is highly essential to facilitate the researchers in communicating their ideas and discussing the vital issues in the domain of POS. Therefore, the journal will target:

- To bridge the gap between theories and practices vis-à-vis the philosophy of science and education. The journal will facilitate the outcomes of the teaching and learning process of philosophy of science and education course.
- To address the perspectives on the nature of science (NOS), history of science (HOS), philosophy of science (NOS), and philosophy of education (POE).
- To encourage rational discourse about the role of philosophy of science and education concerning in other aspects of discipline.
- To establish justification of philosophy of science and education in terms of the fundamental or basis significance of science, education, and society.

More specifically, the objective of Studies in Philosophy of Science and Education (SiPoSE) is to publish original, fully peer-reviewed articles on a variety of topics and research methods in philosophical, theoretical, practical, psychological, and conceptual issues in science education and education in general.

SiPoSE articles that are expected to be submitted by researchers in the world are inseparable from the following studies: basic philosophy of science (epistemology of science, ontology of science, and axiology of science), philosophy of science around the world, scientific revolution (i.e. Kuhn revolution, Kant's Copernican revolution), understanding of science, science value and moral (i.e. social physics), reasoning, social cognition, history of science (Plato, Socrates, etc.), nature of science (fact, concept, principle, postulate, theorem,

law, and theory), pseudoscience, technoscience, neuroscience, metaphysics, scientific methods, scientific argumentation (i.e. Toulmin argument pattern, Socratic dialogue), science communication, citizen science, science and religion, science and politics, etc.

The SiPoSE is published three times a year in April, August, and December. The SiPoSE welcomes any research papers on Nature of Science (NOS), History of Science (HOS), Philosophy of Science (POS), and Philosophy of Education (POE) in any technical knowledge domain: original theoretical works, research reports, review articles, position papers, and book review. "The articles should be original, unpublished and not in consideration for publication elsewhere at the time of submission to the SiPoSE". Correctly, SiPoSE will publish:

- "Substantial research papers, whether moving from empirical results towards explanatory theory or vice versa".
- "Small pieces of research, or syntheses of such small pieces of research, perhaps originating in First Degree or Master's Degree enquiries".
- "Reviews of fields of research, the emphasis being on their applicability to practice".
- "Book reviews". Currently, few books appear on a 'philosophy of science and education' theme. At this time for anyone who is interested in book reviews to be promoted more broadly.

One of the situational reasons for the launch of this journal is the current world situation which limits communication between academics directly because of the Coronavirus pandemic (Covid-19). This article is released when our campus (especially Universities in Indonesia) is temporarily closed. For this reason, scientific communication through journal media is an alternative means of scientific communication.

It is exciting to launch new open access (OA) journal from scratch. OA publishing is "one approach to assure egalitarian dissemination of new scientific discoveries" (Jokstad, 2016). Currently, there are twenty (20) journals in the domain of philosophy of science listed in Scimagojr, i.e. "Philosophy of Science" - Chicago Press, "British Journal of the Philosophy of Science" - Oxford University Press, "Studies in History and Philosophy of Science Part A" - Elsevier BV, "International Studies in the Philosophy of Science" - Routledge & Kegan Paul, "Epistemology and Philosophy of Science" - RAS Institute of Philosophy, etc. (Scimagojr, 2020). This number is still lacking in accommodating the ideas of philosophers in the world, especially in the domain of science education and education in general. The existence of Studies in Philosophy of Science and Education (SiPoSE) will fill the void of scientific discussion, especially in terms of Nature of Science (NOS), History of Science (HOS), Philosophy of Science (POS), and Philosophy of Education (POE).

Further details of submission procedures are posted on the journal website (<https://scie-journal.com/index.php/SiPoSE/about>). The editors welcome enquiries and suggestions from potential authors on editor.siposejournal@gmail.com and nadisuprpto@scie-journal.com.

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